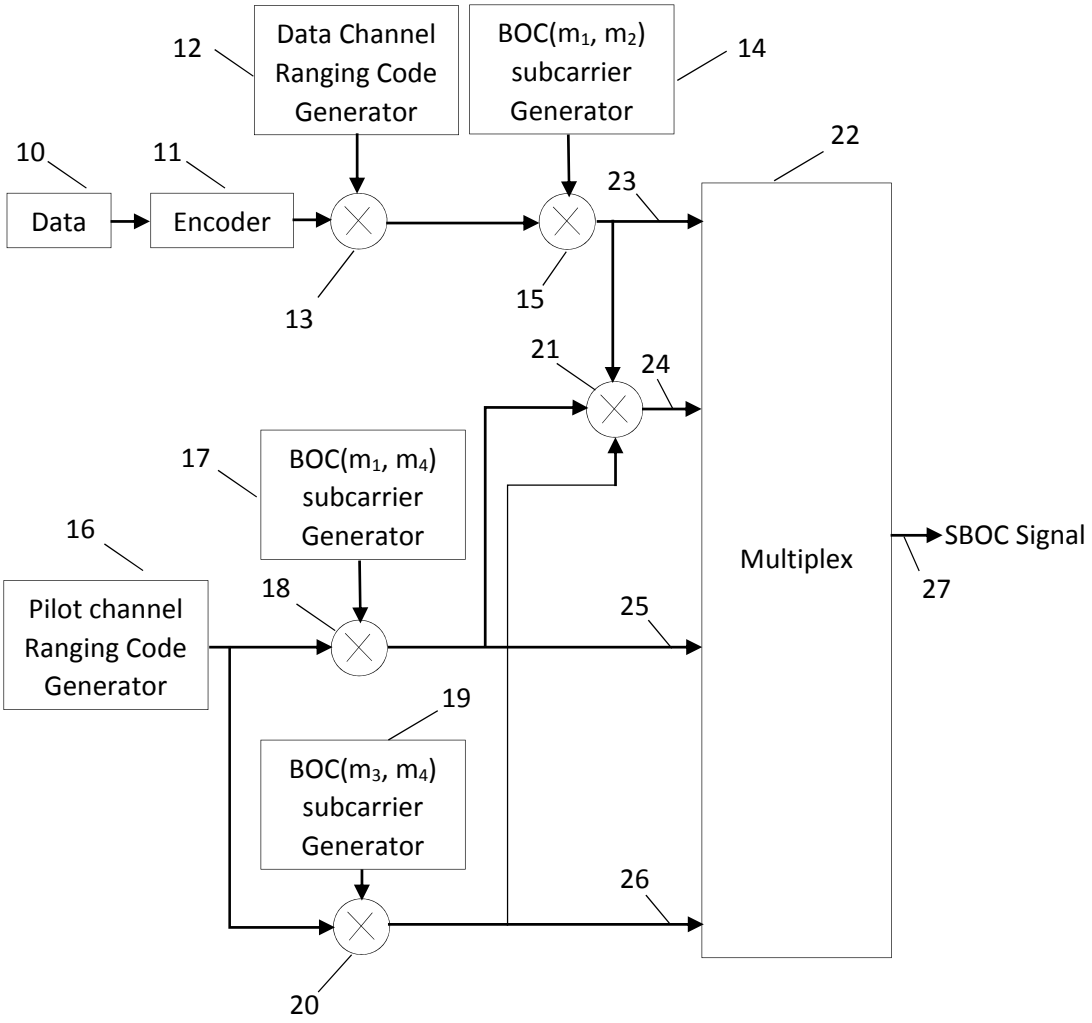

FIG. 1

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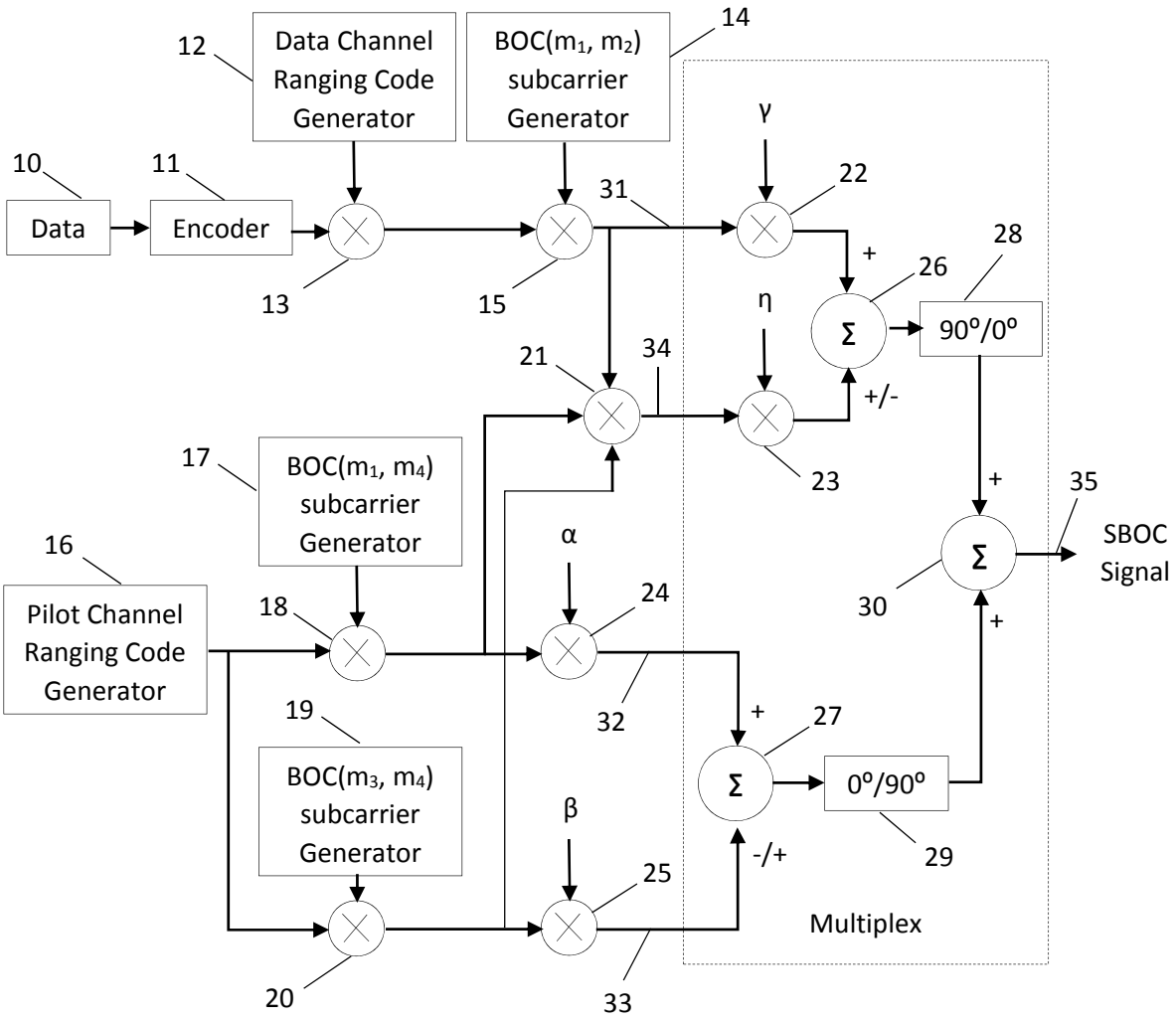
Data Channel Ranging Code Generator
BOC(m1, m2) subcarrier Generator
Data
Encoder
γ
η
Σ
90°/0°
+/-
BOC(m1, m4) subcarrier Generator
Pilot Channel Ranging Code Generator
α
BOC(m3, m4) subcarrier Generator
β
0°/90°
-/+
SBOC Signal
Multiplex
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
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35

FIG. 2

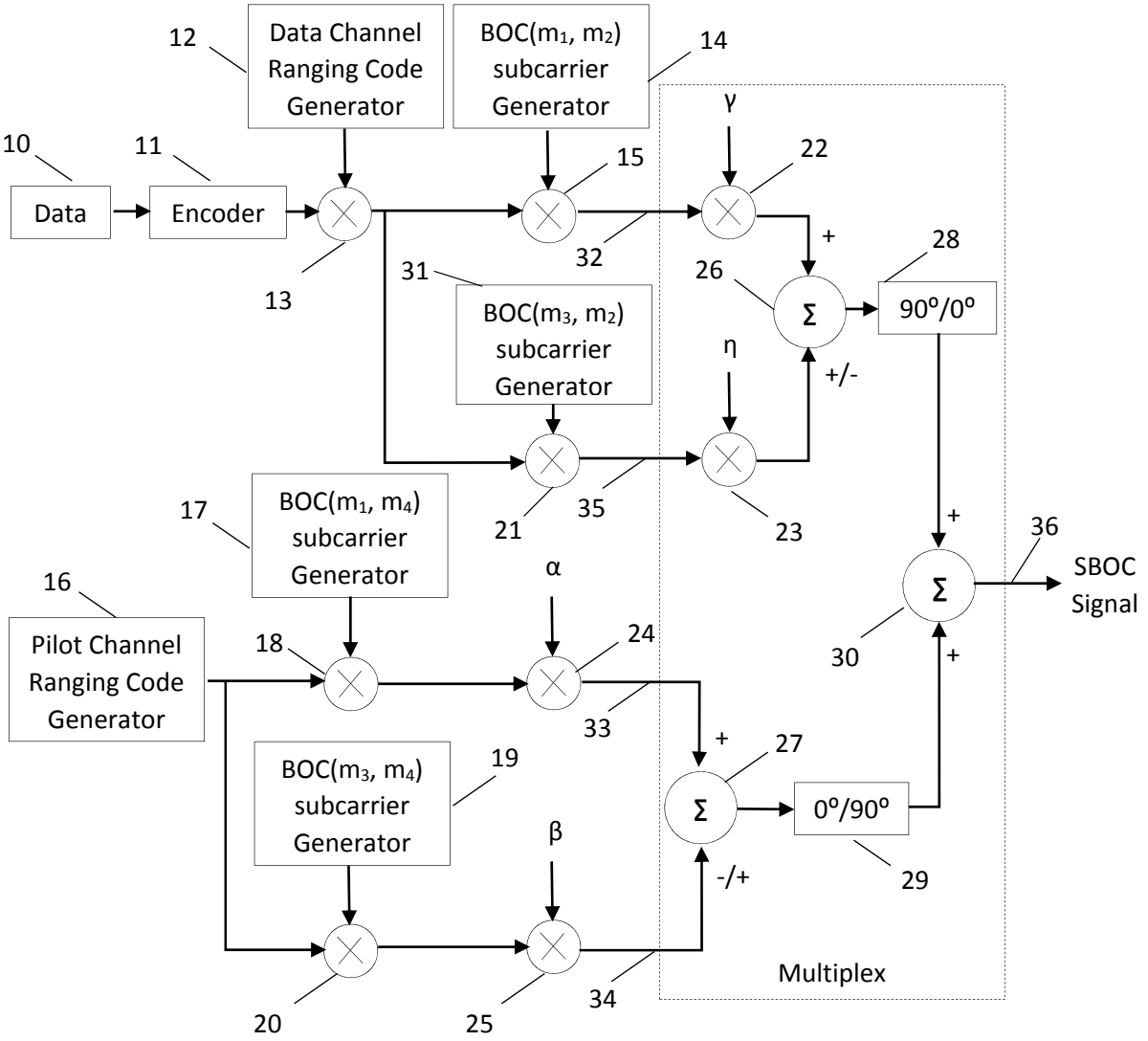
Data Channel Ranging Code Generator
BOC(m1, m2) subcarrier Generator
Data
Encoder
BOC(m3, m2) subcarrier Generator
BOC(m1, m4) subcarrier Generator
Pilot Channel Ranging Code Generator
BOC(m3, m4) subcarrier Generator
90°/0°
0°/90°
SBOC Signal
Multiplex
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
α
β
γ
η
+
+/-
-/+

FIG. 3

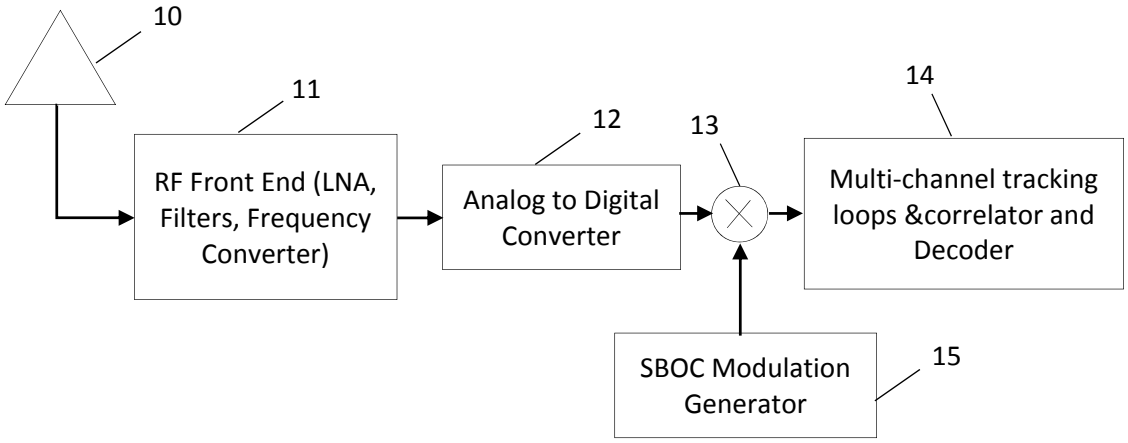

FIG. 4

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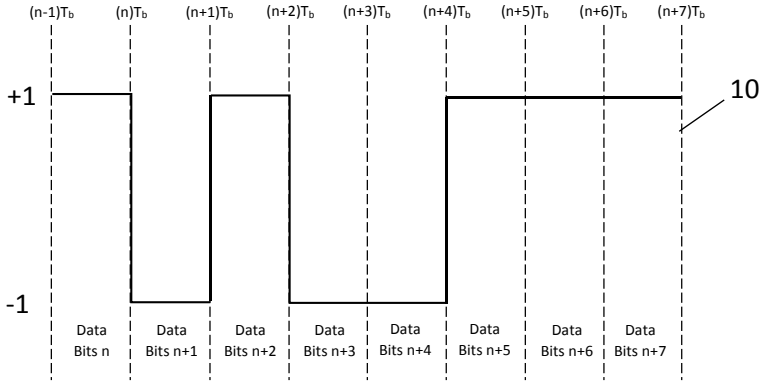

FIG. 5

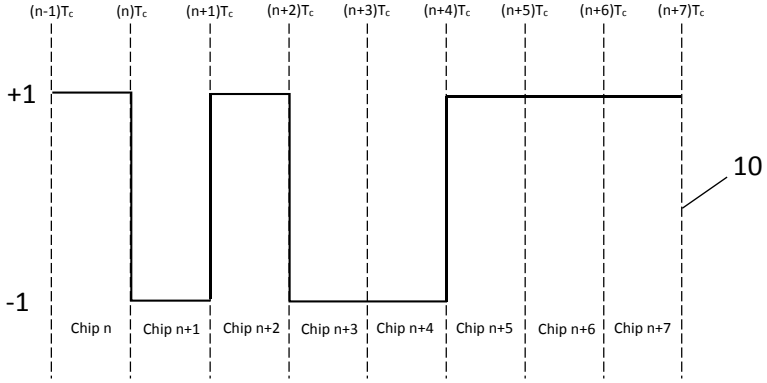

FIG. 6

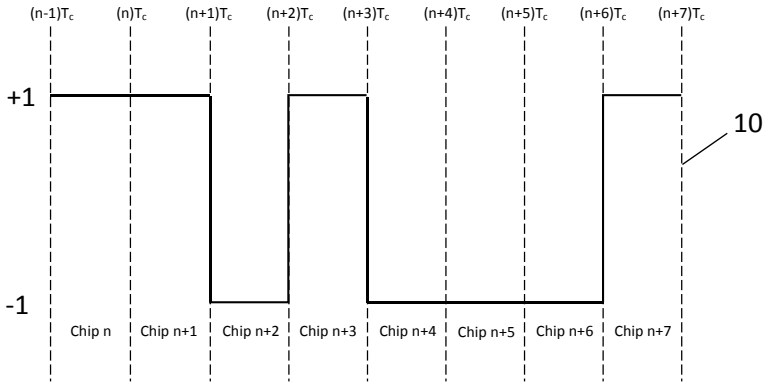

FIG. 7

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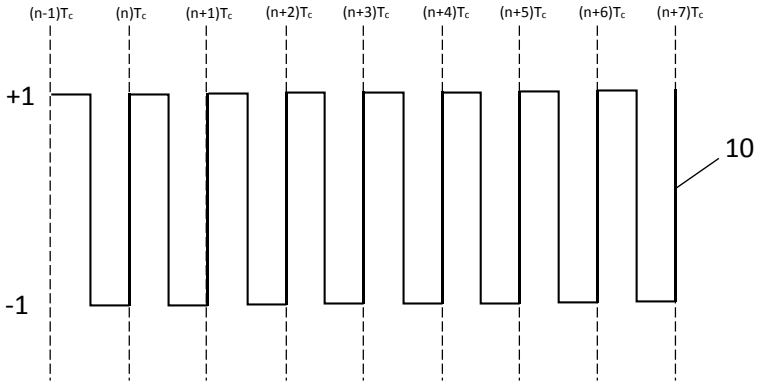

FIG. 8

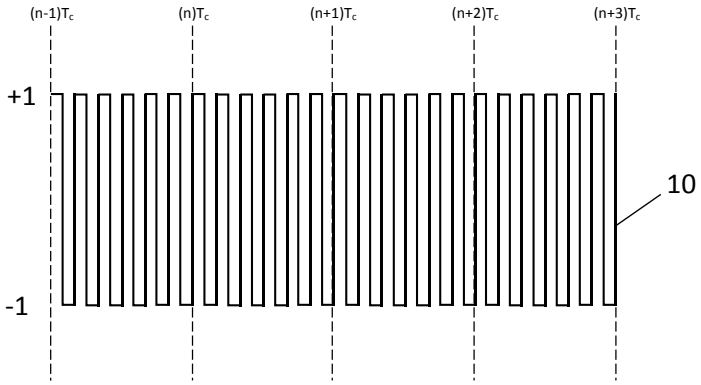

FIG. 9

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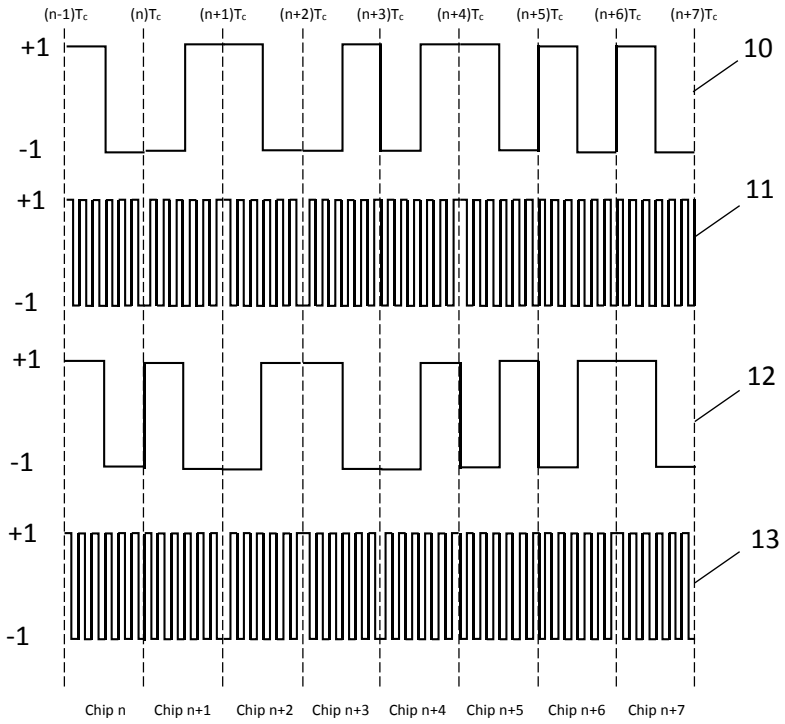

FIG. 10

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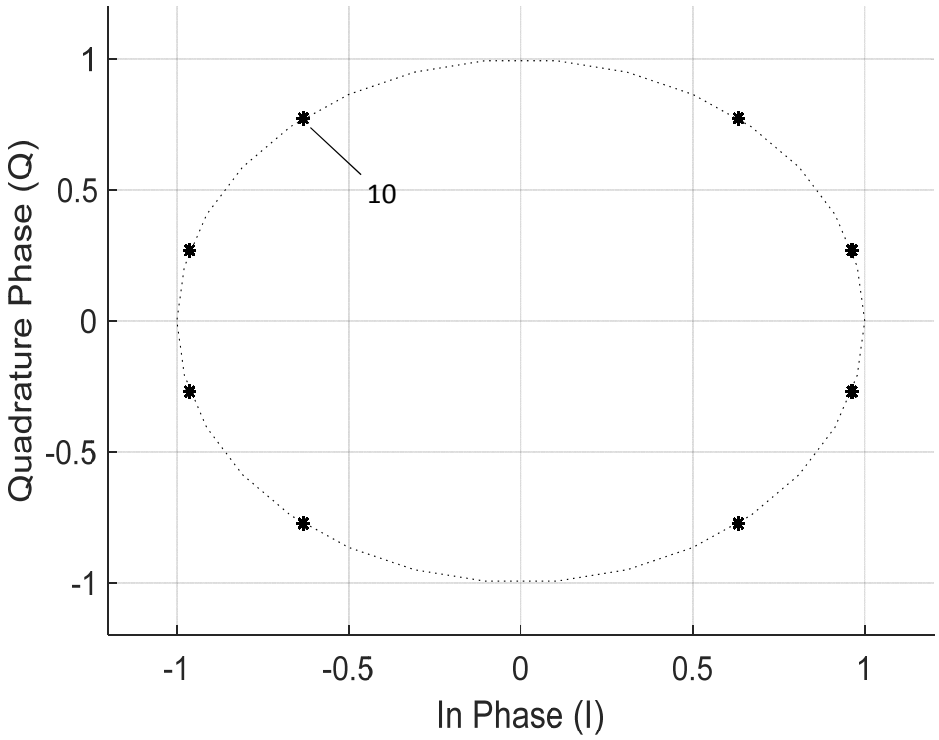

FIG. 11

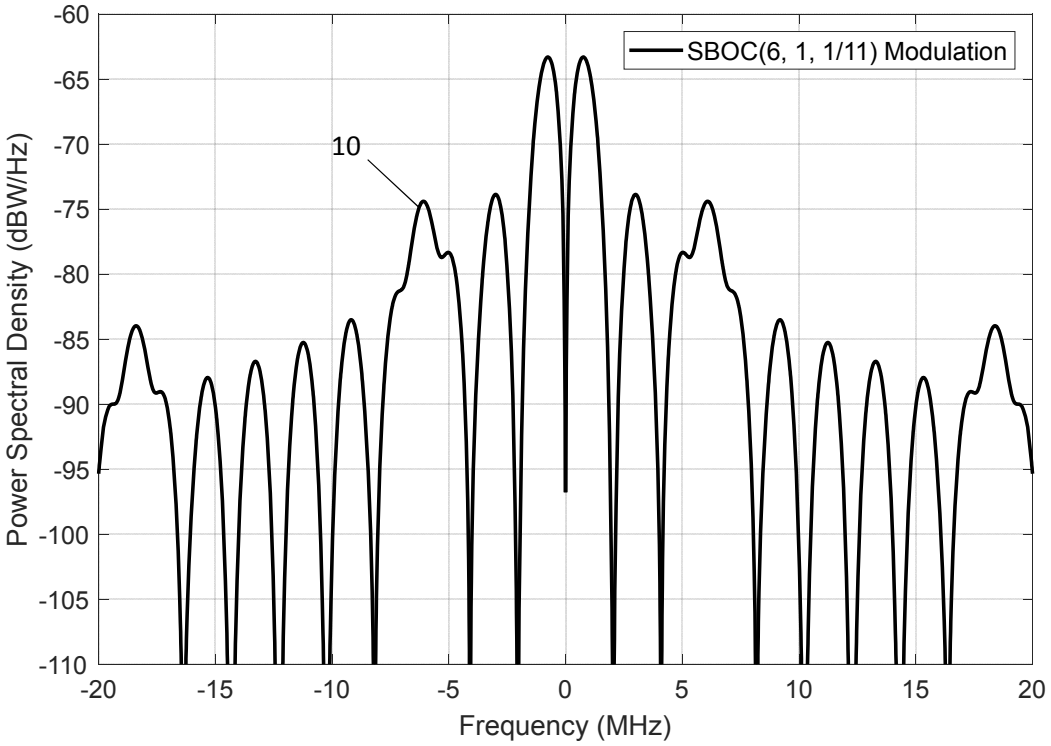

FIG. 12

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